

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 1 of 3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MATCHED FILTER DETECTION FOR TIME BASED SERVO SIGNALS IN A TAPE DRIVE

the specification of which (check one)

XX is attached hereto.

 was filed on _____
as Application Serial Number _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Date</u>
---------------	----------------	-------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Number</u>	<u>Date</u>	<u>Status</u>
---------------	-------------	---------------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 2 of 3

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

John H. Holcombe	#20,620	Jean M. Barkley	#39,541
Robert M. Sullivan	#39,391	Christopher A. Hughes	#26,914
Randall J. Bluestone	#40,518	Edward A. Pennington	#32,588
John E. Hoel	#26,279	Paik Saber	#37,494
Abdy Raissinia	#38,686	Allen K. Bates	#50,276
Dale M. Crockatt	#35,109	William D. Gill	#44,124
John C. Kennel	#48,562	Bryan W. Butler	#44,043

SEND CORRESPONDENCE TO:

Allen K. Bates
International Business Machines Corporation
IP Law - 90A/9032-1
9000 South Rita Road
Tucson, Arizona 85744
CUSTOMER NUMBER 33595


DIRECT TELEPHONE CALLS TO:

Allen K. Bates
520-799-2800
520-799-5551 (FAX)
CUSTOMER NUMBER 33595

Full Name of Sole or FIRST and/or joint-inventor: David Berman

Inventor's Signature: _____ Date: _____
Residence: 5787 Chambertin Drive, San Jose, California 95118
Citizenship: United States
Post Office Address: Same

Full Name of Sole or SECOND and/or joint-inventor: Nhan Xuan Bui

Inventor's Signature:  Date: Feb 5, 2004
Residence: 7402 East 29th Street, Tucson, Arizona 85710
Citizenship: United States
Post Office Address: Same

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 3 of 3

Full Name of Sole or THIRD and/or joint-inventor: **Michael Constantin Melas**

Inventor's Signature: _____ Date: _____
Residence: 16281 Kennedy Road, Los Gatos, California 95032
Citizenship: United States
Post Office Address: Same

Full Name of Sole or FOURTH and/or joint-inventor: **Mark Allan Taylor**

Inventor's Signature: Mark Allan Taylor Date: 2/4/2004
Residence: 12471 East Speedway Boulevard, Tucson, Arizona 85748
Citizenship: United States
Post Office Address: Same

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 1 of 3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MATCHED FILTER DETECTION FOR TIME BASED SERVO SIGNALS IN A TAPE DRIVE

the specification of which (check one)

XX is attached hereto.

 was filed on _____
as Application Serial Number _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Date</u>
---------------	----------------	-------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Number</u>	<u>Date</u>	<u>Status</u>
---------------	-------------	---------------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 2 of 3

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

John H. Holcombe	#20,620	Jean M. Barkley	#39,541
Robert M. Sullivan	#39,391	Christopher A. Hughes	#26,914
Randall J. Bluestone	#40,518	Edward A. Pennington	#32,588
John E. Hoel	#26,279	Paik Saber	#37,494
Abdy Raissinia	#38,686	Allen K. Bates	#50,276
Dale M. Crockatt	#35,109	William D. Gill	#44,124
John C. Kennel	#48,562	Bryan W. Butler	#44,043

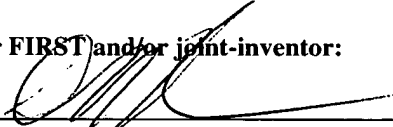
SEND CORRESPONDENCE TO:

Allen K. Bates
International Business Machines Corporation
IP Law - 90A/9032-1
9000 South Rita Road
Tucson, Arizona 85744
CUSTOMER NUMBER 33595

DIRECT TELEPHONE CALLS TO:

Allen K. Bates
520-799-2800
520-799-5551 (FAX)
CUSTOMER NUMBER 33595

Full Name of Sole or FIRST and/or joint-inventor: David Berman

Inventor's Signature:  Date: 2/9/04
Residence: 5787 Chambertin Drive, San Jose, California 95118
Citizenship: United States
Post Office Address: Same

Full Name of Sole or SECOND and/or joint-inventor: Nhan Xuan Bui

Inventor's Signature: _____ Date: _____
Residence: 7402 East 29th Street, Tucson, Arizona 85710
Citizenship: United States
Post Office Address: Same

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 3 of 3

Full Name of Sole or THIRD and/or joint-inventor: Michael Constantin Melas

Inventor's Signature: Michael Constantin Melas Date: 2/9/2004
Residence: 16281 Kennedy Road, Los Gatos, California 95032
Citizenship: United States
Post Office Address: Same

Full Name of Sole or FOURTH and/or joint-inventor: Mark Allan Taylor

Inventor's Signature: _____ Date: _____
Residence: 12471 East Speedway Boulevard, Tucson, Arizona 85748
Citizenship: United States
Post Office Address: Same